

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for user-system interaction independent of an application and of interaction media, the user-system having at least one computing layer supporting at least one representation of a terminal and at least one representation of [[an]] the application, and having at least one user interface itself supporting a piece of software, comprising the steps of:

creating a single container in a four-tier architecture for [[all]] interaction representations, the single container storing at least one of the following representations of interaction context:

representation of [[the]] terminals that can be used by users of the user-system,
representations of modes of action,
representation of the modes of perception of exchanges of information by the users,
representation of activity of the users,
representation of context,
representation of services expected, and

creating a person-system interaction container (PSIC) for interaction by using the representations to construct, adapt and manipulate knowledge bases constituting a structured representation of [[the]] a context of use of the user-system, and establishing, with aid of this structured representation, a dialog between users and the services of the application,

wherein all communications between the user interface and functions of the application are managed by the person-system interaction container, and

wherein interaction services implemented by the person-system interaction container use one at least of the following knowledge bases:

a domain of application,

an application, a user or users,

a task, and
modes of perception and of action offered by the terminal.

2. (Cancelled)
3. (Currently amended) The method as claimed in claim 1, wherein interaction services implemented by the person-system interaction container use one at least of the following knowledge bases: a domain of application, an application, user or users, a task, modes of perception and of action offered by the terminal.
4. (Currently Amended) The method as claimed in one claim 1, wherein the PSIC updates and uses a log of a dialog between user and the user-system.
5. (Currently amended) A device for user-system interaction independent of an application and of interaction media in a system of type having at least one man/machine interface, at least one applications server and one database, comprising:
 - a single container device in a four-tier architecture for all interaction representations, configured to store at least one of the representations of [[the]] interaction context including:
 - representation of the modes of action,
 - representation of the modes of perception of the exchanges of information by the users,
 - representation of activity of the users, representation of context and
 - representation of [[the]] expected service.
6. (Previously Presented) The device as claimed in claim 5, wherein the container device comprises a subset for analyzing events represented by the actions of users on interfaces, a subset for taking account actions of users and for managing interaction, a subset for communicating with the applications server, a subset of filters, an adapter and mode selector subset and a subset of converters for usage interfaces.
7. (Cancelled)

8. (Currently amended) The method as claimed in one claim [[2]] 1, wherein the PSIC updates and uses a log of a dialog between a user and the system.
9. (Previously Presented) The method as claimed in one claim 3, wherein the PSIC updates and uses a log of dialog between user and the system.
10. (Previously Presented) A method of claim 1, wherein the applications and the interfaces are kept separated by the PSIC.
11. (Previously Presented) The method of claim 1, wherein the user's interface is provided by the PSIC which interprets any action on the interface and the PSIC generates calls to the application.
12. (Previously Presented) The device of claim 5, wherein the applications and the interface are kept separate by the container device.
13. (Previously Presented) The device of claim 5, wherein the interface of a user is provided by the container which interprets any action on the interface and generates any calls to the application.